

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C. 20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year) 29 February 2000 (29.02.00)	
International application No. PCT/FI99/00462	Applicant's or agent's file reference 2980237PC/nu
International filing date (day/month/year) 27 May 1999 (27.05.99)	Priority date (day/month/year) 29 May 1998 (29.05.98)
Applicant TURPEINEN, Marko et al	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
22 December 1999 (22.12.99)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer <p style="text-align: center;">F. Baechler</p> Telephone No.: (41-22) 338.83.38
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NOTIFICATION OF THE RECORDING
OF A CHANGE

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

KOLSTER OY AB
Iso Roobertinkatu 23
P.O. Box 148
FIN-00121 Helsinki
FINLANDE

Date of mailing (day/month/year)
29 November 2000 (29.11.00)

Applicant's or agent's file reference
2980237PC/nu

IMPORTANT NOTIFICATION

International application No.
PCT/FI99/00462

International filing date (day/month/year)
27 May 1999 (27.05.99)

1. The following indications appeared on record concerning:

☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

Name and Address

ALMA MEDIA OYJ
Eteläesplanadi 14
FIN-00100 Helsinki
Finland

State of Nationality

FI

State of Residence

FI

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address

ALMA MEDIA OYJ
Eteläesplanadi 14
FIN-00130 Helsinki
Finland

State of Nationality

FI

State of Residence

FI

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned
☐ the International Searching Authority ☒ the elected Offices concerned
☐ the International Preliminary Examining Authority ☐ other:

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

C. Cupello

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

RECD 19 SEP 2000

PO

HON

Applicant's or agent's file reference 2980237/PC/nu	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/FI99/00462	International filing date (day/month/year) 27.05.1999	Priority date (day/month/year) 29.05.1998
International Patent Classification (IPC) or national classification and IPC ₇ G 06 F 17/30		
Applicant Alma Media OYJ et al		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of _____ sheets.
3. This report contains indications relating to the following items: I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application

Date of submission of the demand 22.12.1999	Date of completion of this report 12.09.2000
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. 08-667 72 88	Authorized officer Tomas Erlandsson/MN Telephone No. 08-782 25 00

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FI99/00462

I. Basis of the report

1. This report has been drawn on the basis of *(Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.)*:

- ☒ the international application as originally filed.
- ☐ the description, pages _____, as originally filed,
 pages _____, filed with the demand,
 pages _____, filed with the letter of _____,
 pages _____, filed with the letter of _____.
- ☐ the claims, Nos. _____, as originally filed,
 Nos. _____, as amended under Article 19,
 Nos. _____, filed with the demand,
 Nos. _____, filed with the letter of _____,
 Nos. _____, filed with the letter of _____.
- ☐ the drawings, sheets/fig _____, as originally filed,
 sheets/fig _____, filed with the demand
 sheets/fig _____, filed with the letter of _____,
 sheets/fig _____, filed with the letter of _____.

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/fig _____

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the supplemental Box (Rule 70.2(c)).

4. Additional observations, if necessary:

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/FI99/00462

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>1-10</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-10</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-10</u>	YES
	Claims		NO

2. Citations and explanations

The claimed invention relates to a method and equipment for combining services in a network such as Internet. The problem to be solved is to combine services from two different providers and to customise those services according to the needs and interests of the clients.

Briefly, this is achieved in the claimed invention by sending a client profile from a first server (referred to as "service provider"), which the client is connected to, to a second server (referred to as "content provider"), which a source of information is connected to. The second server customises the information according to the client profile sent from the first server. An advantage of this arrangement is that the service provider does not have to use time and resources to provide content.

Documents cited in the International Search Report:

D1 EP 0733983 A2
D2 US 5717923 A
D3 WO 9642041 A2

D1 relates to the provision and display of information and, in particular, to a system and method for personalising a screen saver display on a personal computer, so that the screen saver display is periodically changed to include current up-to-date information related to items that interest the user.

D2 discloses a method and apparatus for dynamically customising electronic information to individual end users including a client system containing a personal profile database which stores consumer information corresponding to

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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Supplemental Box

(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: V

individual end users of the client system. The client system also includes a content adapter, which compares electronic information received by the client system to the consumer information in the personal profile database and customises the electronic information to an individual end user based on this comparison.

D3 relates to methods for controlling and monitoring access to network servers. In particular, the process described in the invention includes client-server sessions over the Internet involving hypertext files. In the hypertext environment, a client views a document transmitted by a content server with a standard browser. Each hypertext document or page contains links to other hypertext pages, which subject the request to a secondary server, which determines whether the client has an authorisation or valid account. Upon such verification, the user is provided with a session identification, which allows the user to access the requested file as well as any other files within the present protection domain.

In independent claims 1, 7, and 10, it is specified that a first server transmits client profile data to a second server and that the second server customises the services provided for a client on the basis of the profile data. This differs from the system disclosed in D1, in which system data is sent from a second server to a first server. The data is customised in the first server according to profile data. The teachings of D1, and the further contributions of D2-D3, do not give a person skilled in the art any reason to contemplate the possibility of letting a second server (content provider) customise data according to a profile transmitted from a first server (service provider). Thus, the invention according to independent claims 1, 7 and 10 is considered to involve an inventive step.

The invention according to claims 1-10, is novel, is considered to involve an inventive step and has industrial applicability.

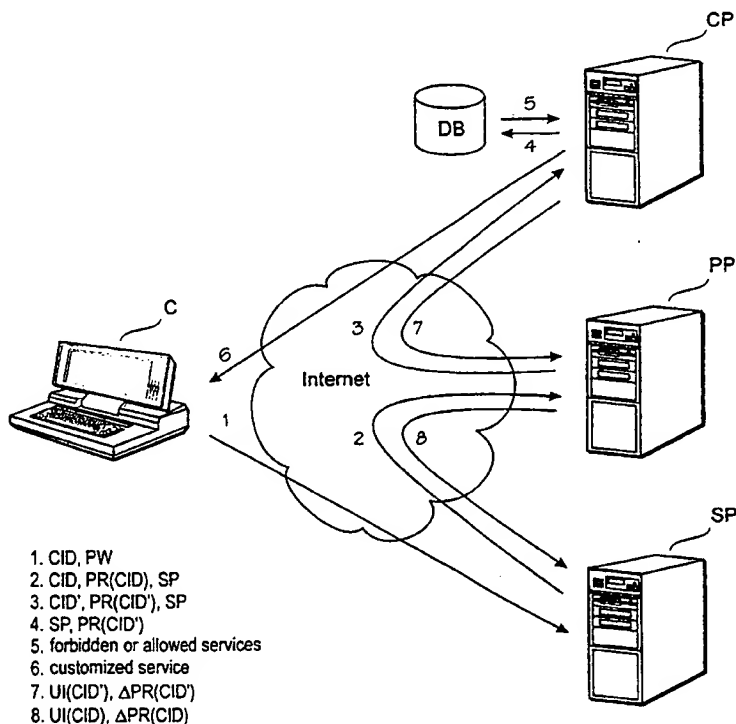
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G06F		(11) International Publication Number: WO 99/63416
A2		(43) International Publication Date: 9 December 1999 (09.12.99)
(21) International Application Number: PCT/FI99/00462 (22) International Filing Date: 27 May 1999 (27.05.99) (30) Priority Data: 981214 29 May 1998 (29.05.98) FI (71) Applicant (for all designated States except US): ALMA MEDIA OYJ [FI/FI]; Eteläesplanadi 14, FIN-00100 Helsinki (FI). (72) Inventors; and (75) Inventors/Applicants (for US only): TURPEINEN, Marko [FI/FI]; Hanikka 40 C, FIN-02360 Espoo (FI). MAUNO, Jukka [FI/FI]; Perustie 16 A 6, FIN-00330 Helsinki (FI). MIETTINEN, Jorma [FI/FI]; Riilahdentie 45 A, FIN-02260 Espoo (FI). MÄKILÄ, Raimo [FI/FI]; Haltiakuja 5 A 4, FIN-04230 Kerava (FI). NIEMINEN, Jaakko [FI/FI]; FIN-07530 Onkimaan (FI). SAARI, Timo [FI/FI]; Listakatu 13 B 13, FIN-33400 Tampere (FI). (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published Without international search report and to be republished upon receipt of that report.

(54) Title: COMBINING SERVICES IN AN INTERNET-TYPE NETWORK

(57) Abstract

A method of combining two different Internet services. A client (C) contacts (1) a first server (SP) and gives the server its identification data (CID, PW). The client (C) is forwarded (2) to a second server (CP), which provides services (6) to the client (C). The first server (SP) transmits to the second server (CP) the client's profile data (PR(CID)), and the second server (CP) customizes (4, 5) the services produced for the client (C) according to the client's profile data (PR(CID)) and/or the identity of the first server (SP). The client's identification data (CID) is preferably concealed (3) from the second server. In the step of service customization, the client (C) can be prevented (4, 5) from accessing some of the available services of the second server (CP), for example on the basis of the identification data of the first server (SP). From the available services of the second server (CP), the services to be offered primarily to the client can be selected on the basis of said profile data PR(CID).

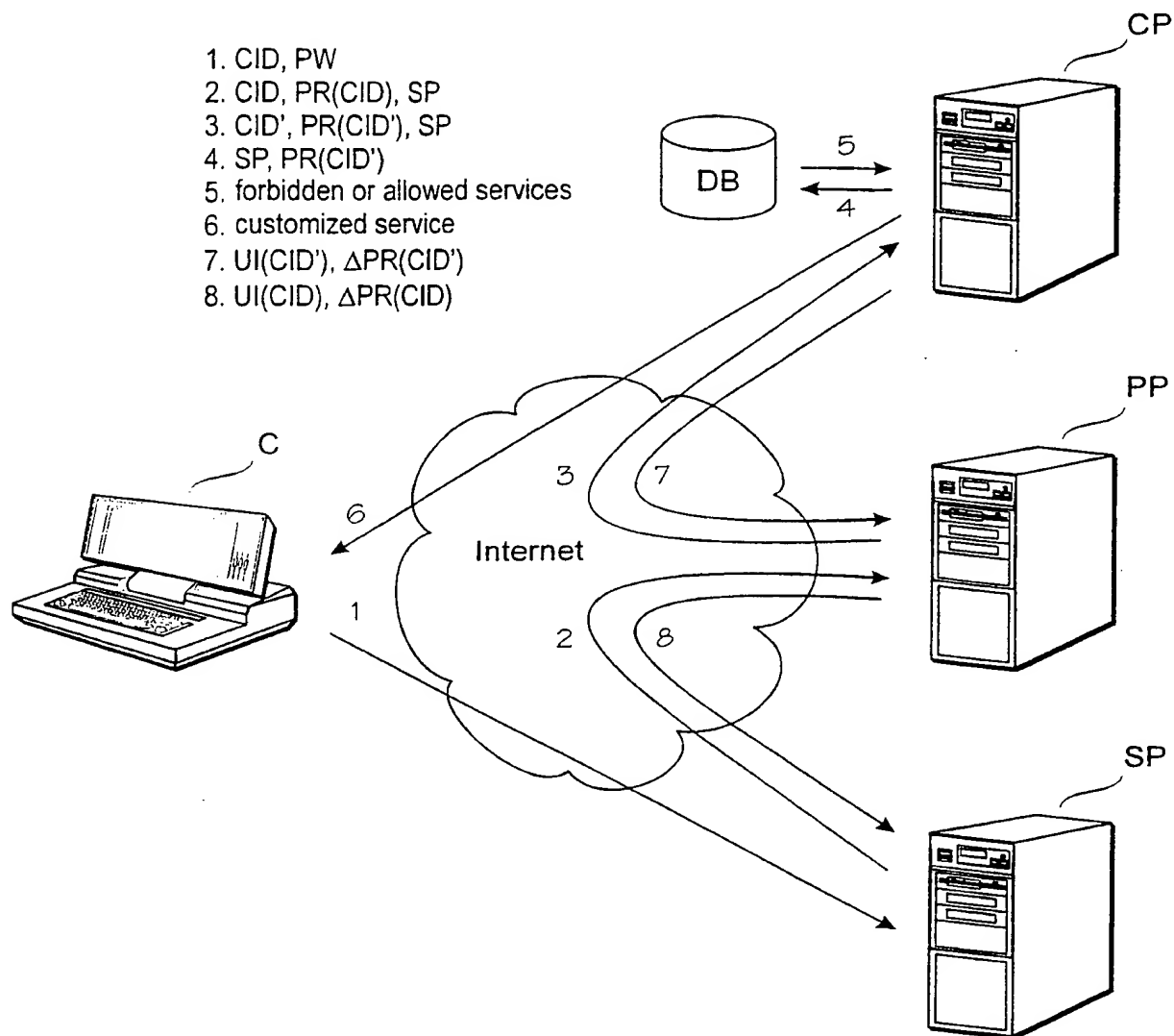


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EE	Estonia						

Fig. 1



2/2

Fig. 2

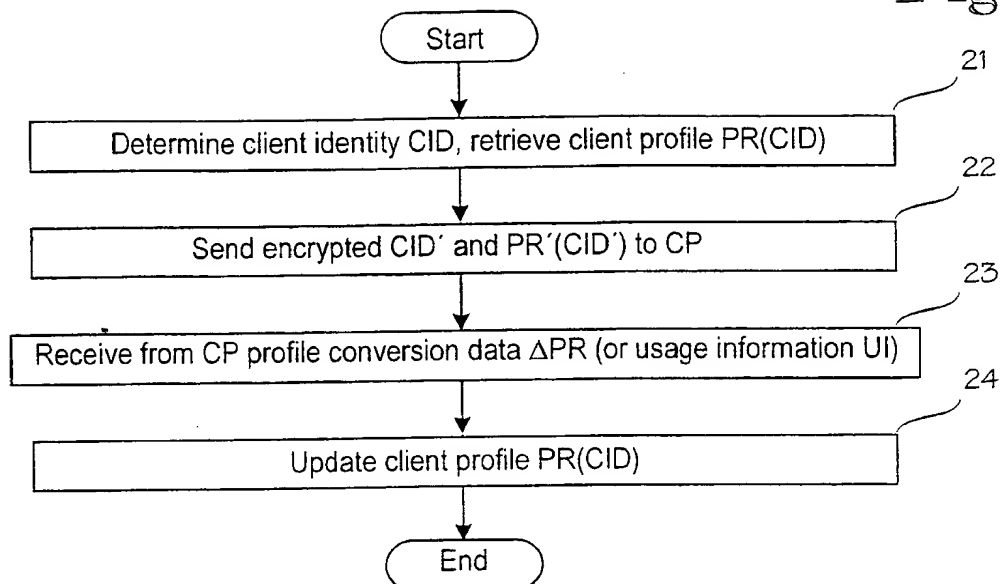
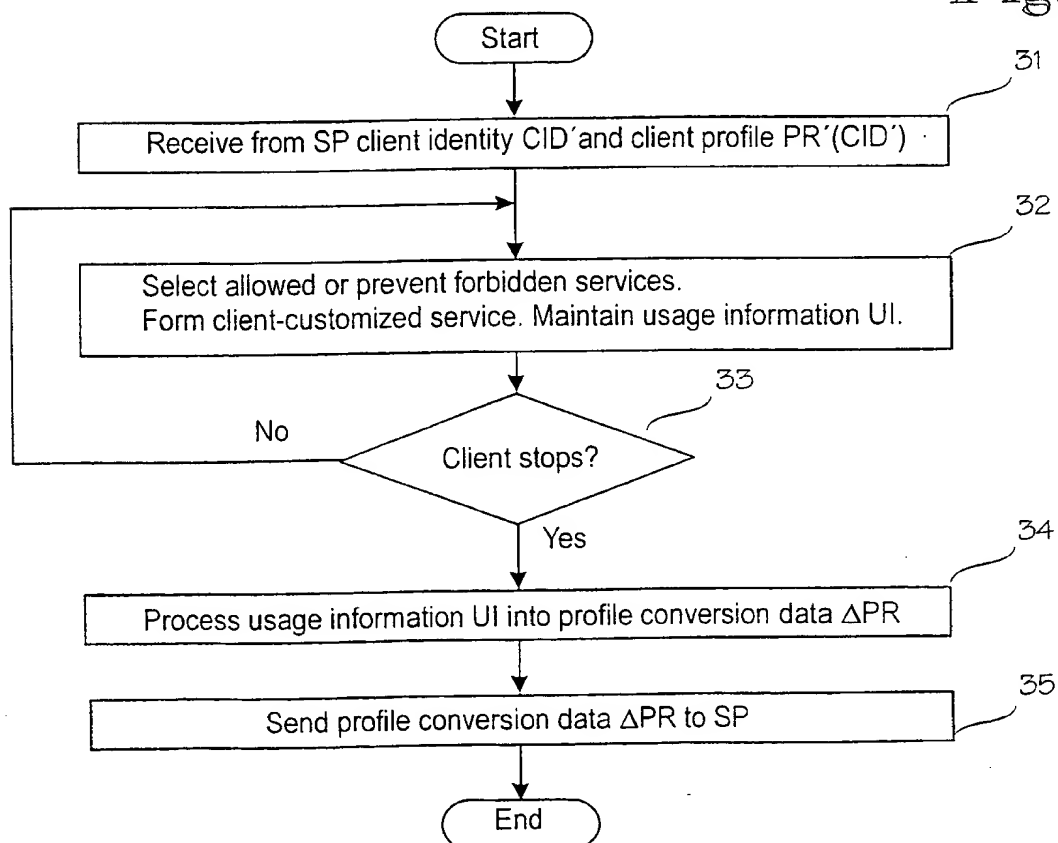


Fig. 3



PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	PCT/FI 99 / 0 0 4 6 2
0-2	International Filing Date	27 -05- 1999 (27. 05. 99)
0-3	Name of receiving Office and "PCT International Application"	The Finnish Patent Office PCT International Application
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.83 (updated 01.03.1999)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	National Board of Patents and Registration (Finland) (RO/FI)
0-7	Applicant's or agent's file reference	2980237PC/nu
I	Title of invention	COMBINING SERVICES IN AN INTERNET-TYPE NETWORK
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	ALMA MEDIA OYJ
II-5	Address:	Eteläesplanadi 14 FIN-00100 Helsinki Finland
II-6	State of nationality	FI
II-7	State of residence	FI
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	TURPEINEN, Marko
III-1-5	Address:	Hanikka [21-B] 40 C FIN-02360 Espoo Finland
III-1-6	State of nationality	FI
III-1-7	State of residence	FI

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	MAUNO, Jukka
III-2-5	Address:	Perustie 16 A 6 FIN-00330 Helsinki Finland
III-2-6	State of nationality	FI
III-2-7	State of residence	FI
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	MIETTINEN, Jorma
III-3-5	Address:	Riilahdentie 45 A FIN-02260 Espoo Finland
III-3-6	State of nationality	FI
III-3-7	State of residence	FI
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	MÄKILÄ, Raimo
III-4-5	Address:	Haltiaakuja 5 A 4 FIN-04230 Kerava Finland
III-4-6	State of nationality	FI
III-4-7	State of residence	FI
III-5	Applicant and/or inventor	
III-5-1	This person is:	applicant and inventor
III-5-2	Applicant for	US only
III-5-4	Name (LAST, First)	NIEMINEN, Jaakko
III-5-5	Address:	- FIN-07530 Onkimaa Finland
III-5-6	State of nationality	FI
III-5-7	State of residence	FI
III-6	Applicant and/or inventor	
III-6-1	This person is:	applicant and inventor
III-6-2	Applicant for	US only
III-6-4	Name (LAST, First)	SAARI, Timo
III-6-5	Address:	Listakatu 13 B 13 FIN-33400 Tampere Finland
III-6-6	State of nationality	FI
III-6-7	State of residence	FI

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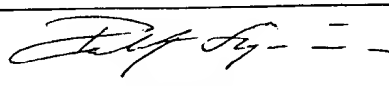
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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name	KOLSTER OY AB
IV-1-2	Address:	Iso Roobertinkatu 23 P.O. Box 148 FIN-00121 Helsinki Finland
IV-1-3	Telephone No.	358 9 618 821
IV-1-4	Facsimile No.	358 9 602 244
IV-1-5	e-mail	Kolster@Kolster.fi
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW SD SZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AL AM AT (patent and utility model) AU AZ BA BB BG BR BY CA CH&LI CN CU CZ (patent and utility model) DE (patent and utility model) DK (patent and utility model) EE (patent and utility model) ES FI (patent and utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK (patent and utility model) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

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V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	29 May 1998 (29.05.1998)
VI-1-2	Number	981214
VI-1-3	Country	FI
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	Swedish Patent Office (ISA/SE)
VIII	Check list	number of sheets electronic file(s) attached
VIII-1	Request	5 -
VIII-2	Description	8 -
VIII-3	Claims	2 -
VIII-4	Abstract	1 2980237p.txt
VIII-5	Drawings	2 -
VIII-7	TOTAL	18
	Accompanying items	paper document(s) attached electronic file(s) attached
VIII-8	Fee calculation sheet	✓ -
VIII-16	PCT-EASY diskette	- diskette
VIII-17	Other (specified):	Copy of Official Action -
VIII-18	Figure of the drawings which should accompany the abstract	1
VIII-19	Language of filing of the international application	English
IX-1	Signature of applicant or agent	
IX-1-1	Name	KOLSTER OY AB Ralf Syvänen

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10-1	Date of actual receipt of the purported international application	27 MAY 1999	(27-05-1999)
10-2	Drawings:		
10-2-1	Received		
10-2-2	Not received		

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10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/SE
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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